New Haven YMCA Junior College

1935-1936

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The New Haven College program of studies in Engineering, Accounting and Business Administration has been accredited by legislature act of the State of Connecticut and authority granted to confer the Associate in Science degree. In order to reflect the authority now given it the institution will be known as the New Haven Y. M. C. A. Junior College.

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New Haven

Y. M. C. A.

Junior College

— and —

New Haven Preparatory School

1935-1936

Evening Sessions

Co-educational

Administrative Offices

52 Howe Street

New Haven, Connecticut

THE CALENDAR FOR 1935-1936

First Semester

Registration period	September 1-24
Opening of the college year	September 25
Classes begin	September 27
Mid-term examinations	November 18-22
Thanksgiving (classes omitted)	November 28
Christmas recess	December 23-January 3
Classes resume	January 6
Registration for second semester begins	January 15
Semester ends—last class session	January 29
Mid-year examinations	January 31-February 6

Second Semester

Begins	February 7
Mid-year examinations	March 30-April 3
Good Friday (classes omitted)	April 10
Second semester ends—last class session	May 29
Final examination period	June 1-5
Commencement	June 19

ADMINISTRATIVE OFFICES

52 Howe Street, Telephone 8-3161

HOURS

Daily	Saturday
8:30 A. M. to 5:00 P. M.	8:30 A. M. to 12:00 Noon

Evening Hours between June 5 and October 1 by appointment

Winchester Hall, 15 Prospect Street, 7-3131—Ext. 532

HOURS

7:00 P. M. to 10:00 P. M. Monday to Friday inclusive
October 1 to June 5

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Technical Advisor, Engineering Department

JULIA M. STOCKOVER, B.A., Mount Holyoke College
Registrar of Engineering Department and
Department of Accounting and Business Administration

KATHARINE BLENIS, A.B., New York State College; B.S., Simmons College
Registrar of Arts Department
and New Haven Preparatory School

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Simmons College

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Ph.B., Yale University; B.S. in M.E., Lafayette College
Instructor in Strength of Materials, Yale University

FRANCIS M. DUKAT, *Electricity*
B.S., Yale University
Assistant in Electrical Engineering, Yale University

DWIGHT C. ECKERMAN, *English, Public Speaking*
A.B., Monmouth College; M.A., Yale University
Instructor in English, Arnold College

JOHN S. ELLSWORTH, JR., *Sociology*
A.B., Yale University

THOMAS H. EVANS, *Engineering Problems*
M.S., California Institute of Technology
Instructor, Yale University

!FREDERICK F. FISCHER, *Accounting*
B.C.S., Northeastern University; C.P.A., State of Connecticut
Public Accountant

FREDERICK L. FRANZ, *Senior Problems*
Consulting Engineer

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Ph.B., Yale University
Treasurer, C. Cowles & Company

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B.S., C.E., University of Missouri
Assistant Professor, Yale University

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Ph.D., Yale University

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B.S., University of Washington
M.S. in M.E., M.E. Yale University
Assistant Professor of Mechanical Engineering, Yale University

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J.D., University of Chicago
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B.S., Brown University
Superintendent of Construction, Dwight Building Company

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Consulting Engineer

R. BLAKE RUSSELL, *Law*
Ph.B., Yale University
LL.B., Yale Law School
Attorney-at-law

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B.S., Yale University
Assistant Professor, Yale University

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M.S. in M.E., Yale University
Instructor, Yale University

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Ph.B., University of Vermont
Technical Advisor, Thompson Shop

LAWRENCE G. THOMAS, *English*
A.B., M.A., Stanford University

FRANK VON ROESCHLAUB, *Electricity*
B.S., Yale University
Assistant in Electrical Engineering, Yale University

ROLFE A. WESTON, *Accounting, C.P.A. Problems*
A.B., Dalhousie University; C.P.A., State of Connecticut
Public Accountant

REYNA ULLMAN YOUNGERMAN, *Drawing and Painting*
B.F.A., Yale Art School

ASSISTANTS

FREDERICK R. KLAUCK
Yale University

HAROLD W. SHELDON
A.B.A., New Haven College; C.P.A., State of Connecticut
Finer-Novaro & Sheldon

NEW HAVEN Y. M. C. A. JUNIOR COLLEGE

In response to the interest and demand for educational courses in the period following the termination of the World War the Young Men's Christian Association of the City of New Haven organized vocational courses under its educational department. When it became apparent that this desire for adult education was a permanent trend, an educational program was organized in 1920 as the New Haven Division of Northeastern University and continued as such for six years. In 1926 the officials of the New Haven Young Men's Christian Association were granted permission by the state to incorporate the institution as New Haven College. In 1935 the New Haven College program of studies in Engineering, Accounting and Business Administration was accredited by legislative act of the State of Connecticut and authority granted to confer the Associate in Science degree. In order to reflect this authority recently given it, the institution is now known as New Haven Y. M. C. A. Junior College. During the fifteen years of its growth the college has developed two major departments—the Engineering Department, and the Department of Accounting and Business Administration. The Arts Department includes those unit courses outside a curriculum which are offered to meet current demand. The New Haven Preparatory School is also under the general administration of the college.

Function and Programs Offered

The programs of study offered by New Haven Y. M. C. A. Junior College have been designed to meet the varying needs of men and women in business and industry. The specific function of the institution is to provide educational opportunities on the college level for those who are unable to attend a day college. Methods of instruction are used which tend to develop practical efficiency and executive ability.

The Department of Accounting and Business Administration offers courses that are of interest both to the high school graduate who is planning to enter the business field and to men and women already in business who feel the need for bringing their methods up-to-date.

The Engineering Department offers technical courses designed to give an adequate background in theoretical work. It also supplies a variety of practice and experimentation in the operating and testing of machinery and apparatus for manufacturing, building, power and transportation purposes. Through this instruction, correlated with class work, the student obtains an appreciation of the possibilities and limitations which determine efficient design, production and management in industry.

The Arts Department has developed as the result of a demand for courses outside the area of engineering and business education. This department also aims to supplant practical work with a sufficient amount of theory.

Upon consultation with the Director, students may be permitted to choose a limited number of their elective courses from fields outside of the one in which they are specializing.

Two-Year Programs of Study

For the benefit of students who find it impossible to consider the four-year curricula a two-year program may be planned in consultation with the Director. If the student finds that he is in a position to complete the four-year program of study, he will be given credit in the respective department for the courses which he has taken.

Four-Year Programs of Study

Two four-year programs of study are offered by the Department of Accounting and Business Administration in:

Accounting
Business Administration

In the Engineering Department regular four-year courses of study are offered in:

Mechanical Engineering
Electrical Engineering
Building Construction Enginering

The time required to cover the subjects listed in these four-year programs may be shortened by (1) carrying additional hours, (2) attending summer school classes at an approved college offering similar courses, (3) establishing advanced standing as a result of having completed approved courses in other institutions.

Classes meet in the evening from 7:15 to 9:45.

Unit Courses

There are many cases where the pursuit of a single course of study may be of considerable value. Accordingly, provision has been made whereby a student, if qualified, may enroll in unit courses.

Co-operation of Yale University

The steady development of the program of the college is due to several factors, chief of which are the merits of the program offered and the generous co-operation of Yale University. All classes are held in various buildings of the Sheffield Scientific School. Laboratories, recitation and study rooms are made available for the use of the students of the college in the Sterling Chemistry Laboratory, Dunham Laboratory of Electrical Engineering, Engineering Mechanics Hall, Winchester Hall and Sheffield Administration Building.

The faculty of New Haven Y. M. C. A. Junior College is composed of men selected in part from the faculty of Yale University and in part from the industrial, commercial and educational life of New Haven. The college has also benefited by the valuable counsel and suggestions of the officials of the Sheffield Scientific School who have taken a sympathetic interest in the program and work of the college.

Community Resources

New Haven Y. M. C. A. Junior College is particularly fortunate to be located in a center which is rich in a variety of resources. Every attempt is made to utilize these resources by field and inspection trips. Speakers on special subjects are secured to bring to the students actual practice as it is being carried on.

Admission

The college accepts for admission any man or woman, regardless of color, race, or creed, who is able to qualify by previous education. Candidates seeking admission as regular students eligible for a degree must be graduates of a high school or preparatory school and must present fifteen approved units of high school work, as follows:

For Admission to the Department of Engineering:

English	3 units
Algebra	1½ units
Geometry	1 unit
Physics	1 unit
Additional academic subjects, not less than	5 units
Vocational subjects, not more than	3½ units
	15 units

For Admission to the Department of Accounting and Business Administration:

English	3 units
History and Social Science	2 units
Mathematics	1 unit
Additional academic subjects, not less than	4 units
Vocational subjects, not more than	5 units
	15 units

Under exceptional circumstances, admission may be arranged on a conditional basis.

Students are admitted as unclassified when they do not desire to work for a degree, but wish to take special courses which in the judgment of the Administration they are qualified to pursue.

Students who strongly desire to pursue a four-year curriculum, but are unable to qualify, rather than seek admission as unclassified students, are urged to remove their deficiencies by study in New Haven Preparatory School.

Credit for advanced standing may be given for work completed in other approved colleges and universities, if such work is similar in content and character to corresponding courses in New Haven Y. M. C. A. Junior College.

Responsibility of Students

Students are requested to notify the office of the Director immediately of:

1. Change of address
2. Inability to attend one or more classes or to do the work in these classes on account of illness, change of place of work, or of working hours
3. Inability to meet tuition payments

The school disclaims all responsibility for difficulties that may arise through the failure of students to comply with this request.

FEES

Matriculation Fee

A matriculation fee of $5 is required. This fee is payable but once and covers all subsequent registrations. The fee is not returnable.

Tuition

For a regular three-course student, the maximum cost for a year, including tuition, books, materials, and laboratory fees should approximate $125.00.

The schedule of tuition fees for a single semester is as follows.

	One Semester	
	If paid in advance	*If paid in installments*
Three subjects (regular curriculum)	$53.00	$55.00
Two subjects	40.00	42.00
One subject	20.00	21.00
Four subjects (by special arrangement)	68.00	71.00

Laboratory Fees are extra.

If students pursuing more than one course pay their tuition for the year in advance, a slightly lower rate is allowed.

Tuition paid on the installment plan is due on the following dates:

First Semester		Second Semester	
September	25	February	7
November	1	March	1
December	1	April	1
January	2	May	1

In the event of withdrawal from college because of illness, a change in working hours necessitating evening employment, or removal from the community, tuition cancellations will be made as of the first of the following payment period. Tuition refunds to those paying in advance will be made on the basis of deferred payment charges.

All students whose applications have been accepted will be considered members of the College and liable for tuition, until they have notified the office in writing, or in person, of their intention to withdraw.

Special Fees

A fee of $10.00 is charged for conferring a degree.

A fee of $1.00 is charged for each special or make-up examination.

Student Fee

The Student Councils of the Engineering Department and the Department of Accounting and Business Administration authorize each year the collection of a fee of $1.00 from each student in order to maintain the "News," the school newspaper, and to provide funds for the operation of scheduled student activities.

Student Loan Fund

A loan fund available to worthy students is maintained in the College. Application for aid from this fund should be made to the Director.

Scholarships

The Foremen's Club of New Haven annually appropriates a fund to be used to aid employees of industrial firms of New Haven to further their education. From two to four scholarships are awarded each year.

The Rotary Club of New Haven has offered two scholarships.

A General Scholarship Fund amounting to four hundred fifty dollars a year is available annually.

These scholarships are awarded to students who apply and who present qualifications which merit consideration. The original application should be prompted by need and ability to profit from the courses to be followed.

Awards

Each year the Alumni Association makes an award to the highest ranking senior of the Business Administration and Engineering Departments.

Grades

The following system of grading is in use, and except where otherwise specified, applies to both examinations and term work.

A	90-100 inclusive	Superior work
B	80-89 inclusive	Good work
C	70-79 inclusive	Fair work
D	60-69 inclusive	Lowest passing grade
F	Below 60	Failure
FF	Indicates that the course must be repeated.	
Inc	(Given only when the student, for some good reason, such as protracted illness, has not completed all of the required work of the course.)	

Grades are issued four times a year; at the middle and end of the semester.

Regular attendance is necessary for satisfactory scholarship.

In order to receive credit in a course for the semester the student must not have over four absences in courses meeting once each week or over eight absences in courses which meet twice each week. Exception is made only when illness is the cause of absence.

Graduation Requirements

Completion of a four-year curriculum of sixty semester hours is necessary for graduation. At least one full year's work of fifteen semester hour credits must be completed in the college, irrespective of the amount of credit earned in other institutions.

Degrees

The Associate in Science (A.S.) degree is awarded upon the successful completion of any of the curricula in the departments of Engineering, and Business Administration and Accounting. The authority to award this degree was granted by a legislative act of the State of Connecticut. This degree is recognized as the proper designation for an approved technical or scientific course pursued for sixty semester hours.

STUDENT ACTIVITIES

The athletic and social activities are under the supervision of the Student Councils. There are two Councils, one for the Engineering Department, the other for the Department of Accounting and Business Administration. These Councils are composed of representative students elected by the entire student body of each department. All student affairs are conducted by the duly elected officers and members of the Councils.

Student Assemblies

A program of monthly assemblies is arranged and carried out by the Assembly Committee of the Student Councils. The speakers are men from the business and professional life of New Haven and vicinity.

The News

The News is a monthly newspaper published in the interests of the students. Material is contributed by the students.

The Engineering Honors Club

This organization is composed of those students in the various classes of the Engineering Department, who qualify by maintaining a scholastic average of "B" or better. Freshmen are not elected until their first semester grades are known. Members must maintain the required scholastic average to hold their membership.

The Club holds monthly meetings at which speakers present for discussion subjects of interest in the field of engineering. Inspection trips through industrial plants are also scheduled by the Club.

Agora Club

The Agora Club is an organization composed of those who have completed a Public Speaking course at New Haven College. The club is self-operating and serves as a means by which members may continue to develop their ability to speak in public.

Accounting Club

Membership in the Accounting Club is open to the students in the Department of Accounting and Business Administration. This club meets once a month for the discussion of subjects of interest to the accountant.

Physical Activities

Male students are given physical privileges in the New Haven Y. M. C. A. without cost. Regular students enjoy full privileges. Limited use of the physical equipment is permitted to special students.

The various clubs have bowling teams which are organized into a league. A silver trophy is presented to the winning team.

An annual tennis tournament is conducted with entry open to all college students.

Golf shares a part in the physical program during the spring months. The golf tournament, held in May, is the culmination of this activity.

DEPARTMENT OF ACCOUNTING AND BUSINESS ADMINISTRATION

In the Department of Accounting and Business Administration the A.S. degree is given at the completion of the four-year programs in Accounting and Business Administration. The first two years of these programs are identical, making it possible for the student to delay his choice of a major until the end of his sophomore year. The courses offered in the freshman and sophomore years are designed to give the student a thorough background upon which to build his more specialized study.

THE ACCOUNTING COURSE. This course has been carefully outlined to provide the accounting theory and legal knowledge required of those who are planning to take the state examinations for the degree of Certified Public Accountant. A knowledge of accounting principles supplemented by a broad business education also affords many opportunities in public or private enterprises for those who elect to follow the field of private rather than public accounting.

THE BUSINESS ADMINISTRATION COURSE. The person preparing for an administrative and executive position should gain an understanding of the principles of each of the major business departments. A broad knowledge of such widely diversified business processes as distribution, finance, production and accounting has become a necessity.

DEPARTMENT OF ACCOUNTING AND BUSINESS ADMINISTRATION

First Year

First Semester	*Second Semester*
Business Law	Business Law
English	English
Elementary Accounting	Elementary Accounting

Second Year

First Semester	*Second Semester*
Business Law	Business Law
Corporation Accounting	Corporation Accounting
Economics	Economics

Third and Fourth Years

Sociology is required of all students in the third year. The remainder of the curriculum is made up of subjects chosen from the major field and general electives.

Required Courses in Majors

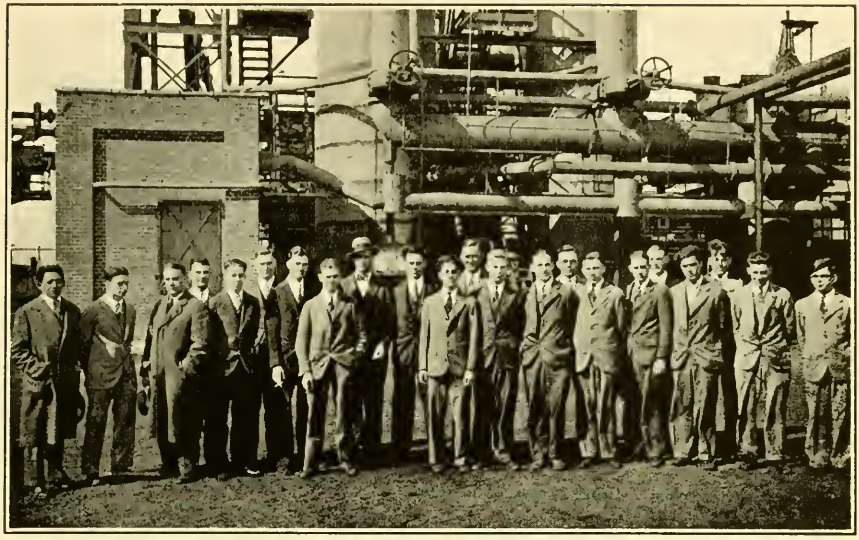
Accounting

Auditing
Cost Accounting
Junior Accounting Problems
Income Tax Procedure
Specialized Accounting
C. P. A. Problems

Business Administration

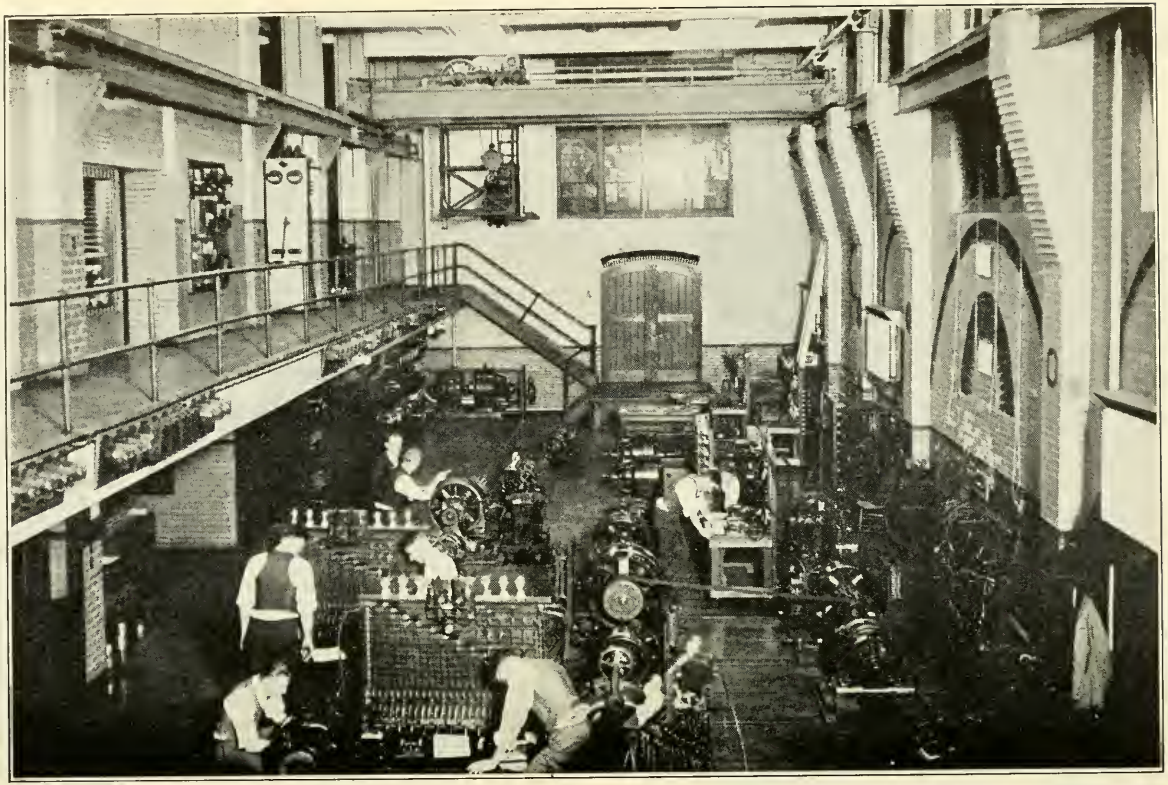
Because of the more general nature of this program students are free to choose courses which best meet their primary interests. Problems of Economics, Public Speaking, and Psychology are courses strongly recommended to students taking the Business Administration curriculum.

Electives may be chosen from any courses offered in the Department of Accounting and Business Administration. With the approval of the administration a limited number of electives may be chosen from courses offered in the Department of Engineering.



ENGINEERS ON AN INSPECTION TRIP

CLASS IN LAW



ELECTRICAL LABORATORY
DUNHAM LABORATORY OF ELECTRICAL ENGINEERING
By Courtesy of Sheffield Scientific School of Yale University

DEPARTMENT OF ENGINEERING

In the Department of Engineering the degree of A.S. is given at the completion of the four-year programs in Electrical Engineering, Mechanical Engineering and Building Construction Engineering. The freshman year is common to all of these programs, as is shown in the outline of courses on the following page.

ELECTRICAL ENGINEERING. This course should qualify men to fill such positions as engineering assistant, electrical inspector, designer, tester, power plant operator. These occupations offer excellent opportunity for gradual advancement with growth in experience and ability to positions of greater technical responsibility.

MECHANICAL ENGINEERING. The Mechanical Engineering course is designed to train the student in the fundamentals of engineering and at the same time to develop in him the ability to analyze and solve engineering problems. The course prepares men to qualify for positions as assistant engineer, superintendent, designer, and production manager, and for positions concerned with sales department and management of industrial plants.

BUILDING CONSTRUCTION ENGINEERING. This course aims to prepare men to enter upon the work of the actual construction of modern buildings, and to give them both basic and practical knowledge of building methods, in order to lay a foundation for work of responsibility in the field of building construction. Emphasis is placed upon design and material and methods of construction.

DEPARTMENT OF ENGINEERING

First Year

First Semester	*Second Semester*
English	English
Trigonometry	Algebra
Engineering Problems	Engineering Problems

Second Year

First Semester	*Second Semester*
Differential Calculus	Integral Calculus
Mechanics	Mechanics
Elective	Elective

Third and Fourth Years

Strength of Materials is required of all students in the third year. The remainder of the curriculum is made up of subjects chosen from the major and general electives.

Required Courses in Majors

Electrical

Electricity (EE 1-2)
Electricity (EE 3-4)
Electricity (EE 5-6)
Power Plants
Senior Problems

Mechanical

Mechanical Drawing
Machine Design (D 5-6)
Machine Design (D 7-8)
Power Plants
Senior Problems

Building Construction

Architectural Drawing (D 9-10)
Architectural Drawing (D 11-12)
Architectural Design (D 13-14)
Building Equipment
Building Construction
Power Plants

Electives may be chosen from any courses offered in the Department of Engineering. With the approval of the administration a limited number of electives may be chosen from courses offered in the Department of Accounting and Business Administration.

Unit Courses Offered

The following is a classified list of the subjects included in the various programs of study. Included in the list are certain subjects which will be offered in any given semester, upon the condition of a satisfactory enrollment. Properly qualified students may enroll for any unit course.

Accounting
- Elementary Accounting
- Corporation Accounting
- Junior Accounting Problems
- Cost Accounting
- Auditing
- Income Tax Procedure
- Specialized Accounting

Building Construction
- Building Equipment
- Building Construction

Business Law
- Law of Contracts and Business Associations
- Law of Sales and Commercial Papers
- Law of Debtors' and Decedents' Estates

Chemistry
- Chemistry

Drawing and Design
- Mechanical Drawing
- Architectural Drawing
- Architectural Design
- Machine Design

Economics and Sociology
- Elementary Economics
- Problems of Economics
- Investment Principles
- Money and Banking
- Government and Taxation
- Social Problems
- Industrial Management

Electrical
- Direct Current Circuits and Machinery
- Alternating Current Circuits and Machinery
- Industrial Applications of Electricity

Engineering Mechanics
- Mechanics
- Strength of Materials

English
- English
- Public Speaking

Mathematics
- Algebra
- Trigonometry
- Differential and Integral Calculus

Projects
- Engineering Problems
- Power Plants
- Senior Problems

Psychology
- Social Psychology

Description of Courses

ACCOUNTING (A)

Elementary Accounting (A 1-2)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

This course covers the following: Scope of accounting; importance and purpose of accounting; financial statements; theory of accounts; business papers; books of original entry; columnar work with controlling accounts; posting and trial balance; preparation of advanced form of statements; closing of books; adjustment entries; mixed accounts; depreciation; accruals; deferred items; reserve accounts; capital versus expense charges and partnership accounting with set.

During the second semester some time is devoted to corporation accounting; classes of stock; organization procedure; opening entries for common stock, preferred stock, and treasury stock purchased or donated; corporate records and the operation of the voucher system.

Corporation Accounting (A 3-4)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

During the first semester of this course the subject is developed around the form and content of the balance sheet and the problems that arise in connection with its construction and interpretation. Due consideration is given to the depreciation problem, knowledge of which is so important when proper valuation of the fixed assets is considered. Later in the course such specialized subjects as Branch Accounting, Liquidation Accounts, Estate Accounting and statements of Receivers and Trustees are introduced. Special attention is given to the preparation of consolidated statements, both balance sheet and profit and loss.

Junior Accounting Problems (A 5-6)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

This course is a continuation of general accounting. Accounting problems are selected to give further practice illustrating the principles already covered, and in addition such subjects as actuarial science, and its application to depreciation; amortization of bond premium and discount, leaseholds, and ascertaining the price of bonds "on a basis." Consignments, installment sales, investments, funds and reserves, statements of application of funds, partnership problems, parent and subsidiary accounting, consolidated statements, mergers, etc. The way is paved for the more difficult and complex problems required by the C. P. A. examinations.

Prerequisite, Accounting 3-4

Cost Accounting (A 7-8)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

The first semester is devoted to the building up of the thorough ground work of Cost Accounting principles. A complete outline is given of the two best known Cost Accounting Systems, Job Order and Process Systems, supported by various selective problems. During the final semester special emphasis is given to theory surrounding application of standard costs. The latest developments in the theory surrounding application of standard costs are brought out.

Prerequisite, Accounting 3-4

Specialized Accounting (A 9)

Two and one-half hours a week during one semester. Credit, 2½ semester hours.

In this course a study is made of the application of accounting principles to a certain number of representative types of enterprises such as: stock brokers, building and loan associations, insurance companies, land development companies, coal mines, oil producing companies, public utilities, municipal or public accounting, etc. By a study of such definite applications, a comprehensive grasp of these principles is obtained, which helps in their application to new conditions encountered in everyday business affairs.

Auditing (A 10-11)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

This course emphasises the auditing accounts as practiced by public accountants. It also includes a study of accountancy service, auditors' certificates, legal and moral responsibilities of auditors, relationship with the client, audit working papers, preparation of reports and the ethics of the profession. Auditing problems are studied representing actual situations, figures and facts drawn from business life. Case material is provided for a balance sheet audit of a manufacturing concern which proceeds throughout the course. The examinations in auditing of the American Institute of Accountants and the State Boards are studied.

C. P. A. Problems (A 12)

Two and one-half hours each week during one semester. Credit, 2½ semester hours.

A course designed primarily for students who intend to take the C. P. A. examination. The course presupposes a thorough ground work in accounting as it is limited to the more advanced and special application of accounting theory. To a considerable degree the students are required to work out the demonstration problems in class under conditions similar to those which obtain in C. P. A. Examinations. The problems used throughout the course are taken from past C. P. A. examinations of the State Boards of Accountancy, particularly the State of Connecticut, and of the American Institute of Accountants.

Federal Income Tax (A 13)

Two and one-half hours each week during one semester. Credit, 2½ semester hours.

Embraces a practical application of the principles of the Federal Income Tax Law to concrete situations, and contemplates a series of tax problems covering the preparation of corporation, fiduciary, partnership and individual tax returns, as well as claims for refunds, credit and abatement.

BUILDING CONSTRUCTION (B)

Building Construction (B 1-2)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

The chief aim of this course is to give the student a clear understanding of the fundamental principles which form the groundwork of the art of construction. It is divided into three parts, namely: foundations, superstructure and interior finishes. Practical problems relative to each part are presented for discussion in the classroom and later the actual solutions are observed in the field. A study is made of building materials, field methods and present-day practice.

Building Equipment (B 3)

Two and one-half hours a week during one semester. Credit, 2½ semester hours.

The principal object of this course is to provide training in the general principles underlying the design, construction, installation and operation of mechanical equipment of buildings. The course will cover the following subject matter: steam heating systems; mechanical gravity ventilating systems; elevators; mechanical refrigeration. Equipment complementary to the foregoing subjects such as pumps, motors, and thermostatic control systems will be discussed. Inspection of the various types of apparatus will be made in the field.

BUSINESS LAW (L)

Law of Contracts and Business Associations (L 1-2)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

Contracts and agency will involve a study of the formation of contracts, capacity of parties, offers and modes of acceptance and other requisites; performance of contracts, conditions upon duty to perform, and discharge. The appointment of agents and the creation of agency; the employment contract; power of agent to bind his principal in dealings with third parties; duties of agent and principal to one another.

Business Associations will involve the law relating to the formation and operation of the unusual types of business organizations; the rights and liabilities of partners among themselves and their relations to third parties; dissolution of partnerships; limited partnerships; the business trust. Promotion and organization of corporations; the conduct of corporate affairs in their relation to the rights of stockholders and creditors.

Law of Sales and Commercial Papers (L 3)

Two and one-half hours each week during one semester. Credit, 2½ semester hours.

The study of sales involves a detailed consideration of the laws governing the rights of parties engaged in the transfer of personal property. This covers questions of title, rights of creditors, expressed and implied warranties, buyers' and sellers' remedies, and typical written sales contracts.

The study of negotiable instruments involves an examination of checks, notes, bills of exchange, stocks, bonds, bills of lading and warehouse receipts. The basis of this study is the Negotiable Instruments Law of Connecticut.

A brief survey is made of the fundamental laws governing banks and trust companies and their practices, particularly, as they relate to local business men.

Law of Debtors' and Decedents' Estates (L 4)

Two and one-half hours each week during one semester. Credit, 2½ semester hours.

This course deals in detail with the national bankruptcy act, and also with various legal devices available to a creditor desiring to collect or effect a settlement with a debtor. It includes a consideration of the various forms of security of which a creditor may avail himself; a study of attachments and garnishee process; and a survey of the operation of the small claims court. The course also deals with the law governing wills and intestacy, particular emphasis being placed upon the Connecticut law.

CHEMISTRY (C)

Chemistry (C 1-2)

Two and one-half hours each week throughout the year. Credit, 5 semester hours.

An introduction to the fundamental principles of general chemistry, with the preparation and study of the elements and their more common compounds in the laboratory.

Two and one-half hours of laboratory work each week are given in addition to the class sessions.

DRAWING AND DESIGN (D)

Mechanical Drawing I (D 1-2)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

This is an elementary course in Mechanical Drawing designed to teach the use of instruments, the fundamental principles of projection, drafting room standards and conventions, lettering, selection and use of scales, orthographic projections, revolutions, developed surfaces, intersections and auxiliary views, and the making and dimensioning of complete working drawings of simple machine parts.

Mechanical Drawing II (D 3-4)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

This course is designed to develop the student's ability to visualize the assembly of machine parts. The work covers a review of the fundamentals of drafting, additional theory of orthographic projections and perspective sketchings, the making of detail and assembly drawings of simple machines involving the use of simple screw gear and lever mechanisms.

Prerequisite, D 1-2

Elementary Machine Design (D 5-6)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

The calculation and design of such elements as fastenings, bearings, gears, shafts, clutches, pulleys and cams. Some machine parts are studied from the standpoint of kinematics and their motions are analyzed.

Advanced Machine Design (D 7-8)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

Some machine, such as a punch press, is designed by the student, the object being to combine the various machine elements studied in the elementary course.

Architectural Drawing (D 9-10)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

An elementary course in the fundamentals of architectural drawing including practice in architectural lettering, geometrical constructions, pictorial drawing and the Order of Architecture. House plans and elevations, details of practical framing and details of stairways, etc., are also included.

Prerequisite, D 1-2

Architectural Drawing (D 11-12)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

This course is a continuation of the elementary architectural drawing work. It aims to prepare the student in the more elementary principles of architectural design.

Prerequisite, D 9-10.

Architectural Design (D 13-14)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

This course takes up elementary architectural composition and design and includes problems in intersections and developments, architectural shades and shadows, sketching in pencil and ink, and rendering in wash. Preliminary and final drawings are made of one or more buildings from given programs.

Prerequisite, D 9-10.

ECONOMICS AND SOCIOLOGY (Ec)

Economics (Ec 1-2)

Two and one-half hours each week throughout the year. Credit, 5 semester hours.

Economics takes for its field the study of principles, institutions and practices by which people gain a lifelihood. The course consists of a brief survey of economic history; a study of the institutions through which economic activities are carried on; and a detailed examination of the principles and processes bearing upon production, exchange and consumption, both in relation to the individual enterprise and to society at large.

Problems of Economics (Ec 3-4)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

A consideration of the interrelated aspects of the principles of economics and business practice. The basis of the course is a series of case studies.

Investment Principles (Ec 5)

Two and one-half hours each week during one semester. Credit, 2½ semester hours.

This course covers the general principles of investment. Topics discussed include classes of securities, tests of a good investment, public bonds, corporate stocks and bonds, real estate mortgages, foreign securities, fiduciary investments, mathematics of yields and conversions, guarding against fraudulent offerings, and sources of information available to investors. The course is designed to be of particular value to those who may be required to exercise judgment in the investment of their own funds or who may be called upon to advise or to act for others. (Omitted 1935-36).

Money and Banking (Ec 6)

Two and one-half hours each week during one semester. Credit, 2½ semester hours.

This course deals with the analysis and development of money, credit and banking. Organization, administration, and modern banking practices of the individual bank are discussed. Actual monetary and banking problems form a basis for class discussion. (Omitted 1935-36).

Government and Taxation (Ec 7)

Two and one-half hours each week during one semester. Credit, 2½ semester hours.

The course consists of a brief comparative survey of the basic economic structures of the principal governments of the world with relation to public finance, and a detailed study of the principles and technique of American public finance and taxation, embracing the national, state and local political subdivisions.

Social Problems (Ec 8-9)

Two and one-half hours each week throughout the year. Credit, 5 semester hours.

This course is designed for mature students who may feel the need for a better understanding of present day social trends, social problems, and social programs. The problems examined in the course are: social trends and our changing technology; poverty and unemployment; crime and juvenile delinquency; mental disease and feeble-mindedness; social hygiene; public health and physical defectiveness; old age dependency; desertion and divorce; social insurance; and social programs, Individualism, Fascism, Communism, and Socialism.

Industrial Management (Ec 10)

Two and one-half hours a week during one semester. Credit, 2½ semester hours.

This course deals particularly with directing the application of the forces of labor and machinery to materials for the efficient production of a commodity. The following subjects are considered: Industrial organization, types of organization and departments, buildings and equipment, planning the production, handling of materials, inventory records, production control, labor management, the foreman, wages and incentives, the cost department, planning department, synchronizing sales and production.

ELECTRICITY (EE)

Direct Current Circuits and Machinery (EE 1-2)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

Fundamental theory of electric and magnetic circuits and its application to direct current machinery. The course includes laboratory work in measurements of electrical quantities and characteristics of direct current motors and generators.

Alternating Current Circuits and Machinery (EE 3-4)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

An elementary treatment of alternating current circuits, instruments and measurements. Suitable laboratory experiments on single phase and polyphase circuits is included.

Prerequisite, EE 1-2.

Alternating Current Machinery (EE 5)

Two and one-half hours a week during one semester. Credit, 2½ semester hours.

Fundamental principles of the more common types of alternating current machinery, with emphasis on the industrial and economic aspects of their applications. About one-quarter of the time will be devoted to laboratory work on the machines.

Prerequisite, EE 3-4.

Industrial Applications of Electricity (EE 6)

Two and one-half hours a week during one semester. Credit, 2½ semester hours.

A continuation of EE 5, with emphasis in that field having the greatest interest to the students. It includes the advanced theory of alternating current machinery and its industrial application.

Communication (EE 7-8)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

A theoretical study of transmission circuits, wave filters, loading arrangements and testing methods applicable to telephone systems. This is supplemented by experimental work in the laboratory.

ENGINEERING MECHANICS (EM)

Mechanics (EM 1-2)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

In the first semester: The theory and application of the principles of static equilibrium. Stress in framed structures. Center of gravity and moment of inertia. Force, man and acceleration. Friction.

In the second semester: Rectilinear and curvilinear motion. Work, power and energy. Impulse and momentum. Practical study of machine elements and problems in machine design.

Strength of Materials (EM 3-4)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

Theory of stress and the resistance of materials. Stress distribution in riveted joints, shafts, beams, and columns. Principal stresses. Laboratory practice in materials testing. Hardness, fatigue and impact strength. Problems in machine design and building construction.

Prerequisites, M 4-5, EM 1-2.

ENGLISH (E)

English (E 1-2)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

The aims of the freshman course in English are to develop ability to speak and write correctly and clearly, and to increase interest in and appreciation for literary productions that constitute stimulating and broadening reading.

The first aim is reached in a direct way by giving opportunities for much practice of various forms of correct usage, applied to a specific and practical form of discourse. Considerable emphasis is given to letter writing.

The second aim is approached through a somewhat general survey reading program, by which standards for judging current literary writings are developed and appraised.

Public Speaking (E 3-4)

Two and one-half hours each week throughout the year. Credit, 5 semester hours.

The object of this course is to enable the student to stand on his feet and talk clearly and forcefully. It is designed to meet the needs of any person whose business or social activities require him to talk in public. During the entire course the student prepares and delivers his own speeches on subjects in which he is interested.

The course teaches self-confidence, the use of gestures, platform etiquette, how to prepare a speech, effective delivery of the speech, mastery of the audience, and correct English. Persons taking the course are aided by a text, class lectures, practice in speaking, and helpful criticism.

MATHEMATICS (M)

Trigonometry and Logarithms (M 1)

Two and one-half hours each week during one semester. Credit, 2½ semester hours.

The work in this course includes a study of the trigonometric functions and logarithms. Throughout the course emphasis is placed on the solution of problems arising in various branches of Engineering.

Algebra (M 2)

Two and one-half hours each week during one semester. Credit, 2½ semester hours.

The first few lessons of the course are devoted to a review of elementary algebra. Extension is then made to such topics as linear functions of one or more variables, quadratic functions, graphical solutions, and determinants.

Prerequisite, M 1.

Differential and Integral Calculus (M 3-4)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

This course is algebraic in nature. It is designed to take up the study of changing quantities at the point left off in algebra, and is therefore presented from the rate of change standpoint. A natural way of applying the principles of calculus to physical and mechanical laws is thus obtained.

Prerequisite M 1, M 2.

PROJECTS (Pr)

Engineering Problems (Pr 1-2)

Two and one-half hours each week throughout the year. Credit, 5 semester hours.

An elementary course covering some of the fundamentals of several branches of engineering. It includes use of the slide rule, applied mathematics, and graphical methods of presentation and analysis.

The second semester consists mainly of a course in problems based on engineering principles, supplemented by discussion periods and lectures. The course serves to orient the student and helps to present a survey of the engineering profession, so that he may better understand the methods of thought and work. The aim is to develop in the student a habit of using correct methods of thinking and analysis in the solution of engineering problems.

Senior Problems (Pr 3-4)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

This is a course designed for seniors in the various engineering curricula. Carefully chosen problems, which will involve many phases of engineering will constitute the background for the course. Every attempt will be made to deal with the problems in detail as they would be treated in engineering practice. Several instructors will collaborate in the presentation and discussion of the various phases of the problems.

Power Plants (Pr 5-6)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

The course aims to acquaint the student with the equipment of power plants, fuels and combustion, characteristics of power producing apparatus and the recovery of waste heat. The various types of power plant apparatus are studied. While the course deals primarily with steam power, hydraulic and internal-combustion machines will also be discussed.

Prerequisite, M 2.

PSYCHOLOGY (P)

Social Psychology (P 1-2)

Two and one-half hours a week throughout the year. Credit, 5 semester hours.

This course is designed for those students who desire a better understanding of human behavior and the way personality operates in a world of other personalities. A brief survey is made of the psychological foundations of individual behavior, personality and group participation, personality and subjective partners, and the characteristics of group behavior. Efforts are made to relate the principles under consideration to problems of contemporary life. Field trips are planned during the year.

The Arts Department

THE ARTS DEPARTMENT

This department is not organized on a definite curriculum basis but is devoted to supplying unit courses to meet current needs. One semester's work of a course covers the equivalent of two and one-half college hours a week for seventeen weeks. To receive credit for a course a student must satisfy the requirements of the course. The administration reserves the right to change or alternate the order of subjects within the curriculum and to omit or substitute subjects without previous notice.

Interior Decoration—First Year

Two and one-half hours a week throughout the year.

The first year course includes lectures on the principles of good taste; interior architectural features and house construction; theory and application of colory harmony; and fundamentals of background. Problems on floors, walls, trim and ceilings are taken up, and discussions are held on rugs, textiles, wall coverings, upholstery coverings, drapery materials and tapestries.

Trips to museums, representative houses, and buildings in the process of construction are a part of the course, the time arranged at the convenience of the group.

Interior Decoration—Advanced

Two and one-half hours a week throughout the year.

The advanced course covers period furnishings and their history; the composition and arrangement of rooms; the decorative values of accessories and other furnishings; and modern tendencies in art. The work on period furnishings is supplemented by a detailed study of the fine examples in museums and in private collections. Attention is given to the construction and restoration of old furniture. Assignments are made relating to various types of interior problems.

Drawing and Painting—First Year

Two and one-half hours a week throughout the year.

The beginner's class is devoted to a study of the fundamental principles and technique involved in drawing from casts of head, torso, and full length figure; study of composition; the appreciation of various art forms; color; and still life studies.

Care is given to the personal needs of the student by a critical analysis and evaluation of individual work done both in and out of class.

Drawing and Painting—Advanced

Two and one-half hours a week throughout the year.

The work of the advanced class consists of still life drawing and painting; portrait drawing in charcoal and color; action sketches; advanced composition; theory of color. A study of the history of art is also made in connection with a series of lectures at the Yale Art Gallery. Individual work will receive careful analysis and critical evaluation.

Elementary German

Two and one-half hours a week throughout the year.

The year's work consists in grammar and composition, easy reading and translation, writing from dictation, practice in speaking, and special training in pronunciation.

French

Two and one-half hours a week throughout the year.

A comprehensive course, designed especially for the purpose of creating a vocabulary for reading and speaking. Attention is given to those fundamentals of grammar and sentence construction which are deemed most essential.

Public Speaking

Two and one-half hours a week throughout the year.

This is a course designed for the person who wishes to improve his speech. It provides training in correct pronunciation and articulation; platform personality and delivery; the preparation of talks; elimination of self-consciousness; the use of gestures; mastery of the audience. The student has the opportunity to prepare and deliver various types of speeches and receive helpful advice and criticism on each assignment. Conferences are arranged in order that the instructor can give personal attention to the work of each student.

Commercial Art

Two and one-half hours a week throughout the year.

This course includes both Advertising Design and Fashion Drawing. The work in advertising emphasizes lettering, designing of labels, packages, show cards and posters, as well as newspaper layouts and finished engravers' drawings. The Fashion study consists of figure drawing for newspaper and magazine reproduction, handling of pencil, ink, water colors and wash, and creating original dress designs.

Every opportunity is given to develop creative ability. The instruction is entirely on an individual basis.

New Haven Preparatory School

A Co-Educational Evening School

1935-1936

52 Howe Street
New Haven, Connecticut

NEW HAVEN PREPARATORY SCHOOL

Faculty

Everett A. Chisholm, B.A., *Dartmouth College*
Mathematics

Melbourne J. Gallup, B.S., *University of Vermont*
Economics and History

Robert Langdale, Ph.B., *Yale University*
Physics and General Science

Albert C. Merriam, B.A., *Wesleyan University*
Mathematics

Perry D. Scrivner, M.A., *Yale University*
English

New Haven Preparatory School

In 1920 the Northeastern Preparatory School was organized. When New Haven College was incorporated in 1926 the Preparatory School was organized under the general administration of New Haven College and was incorporated as New Haven Preparatory School. The aim of the school is to offer evening educational opportunities at the high school level.

During the life of the Preparatory School, men and women have been prepared for various colleges including Yale, Connecticut Agricultural College, Wesleyan, Brown, Boston University, Ohio State, Columbia, Northeastern, Connecticut College for Women, Notre Dame, University of Michigan, Lafayette, and Rensselaer Polytechnic Institute. Some of these men and women have received all of their preparation here; others have completed preparation begun elsewhere. A number of students annually prepare for entrance to the Engineering and Business Administration Departments of New Haven Y. M. C. A. Junior College.

Facilities

New Haven Preparatory School has been granted the use of Sheffield Administration Building, Prospect Street, for conducting its classes, through the co-operation of the Sheffield Scientific School of Yale University.

A physics laboratory has been equipped in Winchester Hall, providing adequate facilities for experimentation in physics.

Admission

In order to be admitted as a regular student of the school, a candidate must have completed the equivalent of an elementary school education. No elementary school subjects are offered.

The school is open to both men and women.

Students who have previously attended other high schools are accepted and given full credit for the work they have successfully completed, provided the authorities of the school forward a satisfactory statement of the ability and attitude of the student and a copy of his record.

Students not enrolling for a regular program of studies are classified as "special" students subject to the same general requirements given above.

All candidates for admission should appear in person. The enrollment period begins September 1, and continues until the opening of the fall term, September 25.

Function

The primary function of the Preparatory School is to provide adequate training of a pre-business and pre-engineering character for those who anticipate studying business administration, accounting, and engineering in college. Although the curriculum is kept sufficiently broad to include cultural fields, the emphasis is placed on pre-professional attitudes, knowledges and skills.

The Pre-Engineering Course

Many students who desire to enter the Engineering Department find that they have not taken the required subjects in high school or are deficient in high school credits necessary for admission.

To succeed in engineering studies the student needs a thorough preparation in mathematics and should have some background in the sciences. In order to meet the needs of these students a two-year pre-engineering course, emphasizing mathematics and science has been developed. Students with sufficient credit may complete the work of the course in one year.

The Pre-Business Course

This course aims to supply the required preparatory training of the student who plans to take courses in the Department of Accounting and Business Administration in New Haven College. The course emphasizes English, mathematics and economics and requires one or two years' work depending upon the amount of education the student has already had.

The College Preparatory Curriculum

For those who desire specific courses which meet the general college entrance requirements, a limited number of classes will be provided.

Grades

The school year is divided into two semesters, each covering seventeen weeks including the examination period. Reports are prepared by the instructors at the middle and close of each semester. Students may learn their standing at any time by requesting this information from the instructor or Director.

The system of grading is the same as that used in the college. The final average of the semester is based upon the daily class work and the final examination mark.

Attendance

Successful scholarship depends in part upon regular attendance. All adjustments covering absences, tardiness, and failure to take an examination must be made with the Director.

Tuition and Fees

The schedule of tuition fees for one semester is as follows:

	If Paid in Advance	*If Paid in Installments*
Three subjects	$50.00	$53.00
Two subjects	36.00	38.00
One subject	18.00	19.00
Matriculation Fee		$5.00
Payable only once, when the student first enrolls.		
Fee for Physics laboratory per semester		10.00
Diploma fee upon graduation		5.00

Scholarship and Loan Funds

The school has the use of several scholarships which are awarded to worthy students who need financial assistance. There is also a small loan fund available to needy students. Information concerning these scholarships and the loan fund can be had upon application to the Director.

Equipment

All books and other essential working materials are furnished by the student.

Student Activities

Student Assembly

An assembly of the students and faculty is held occassionally at which a speaker or program is presented.

The Oracle

The Oracle is the student paper published each month. It is composed of student news and articles written by students.

The New Haven Preparatory School Club

This club was organized by students in the spring term of 1933 for the purpose of furthering social life among the students. It is open to all men and women students interested. Meetings are held in the Y. M. C. A. club rooms.

Physical Activities

The Preparatory School participates in the College Bowling League. Considerable competition is stimulated by the individual silver trophy awarded by the Director.

Description of Courses

The following list of courses covers the offering of the Preparatory School. The administration reserves the right to withdraw any course when it appears that the enrollment is insufficient to warrant its continuance.

ENGLISH

The English courses cover four years' work in Literature, Grammar, Oral and Written Expression. Their fundamental purposes are three:

To develop a power of clear, correct, effective expression.

To train the student to think independently.

To develop a knowledge and appreciation of the best in English and American Literature.

English I.—A practical first-year English course giving a thorough study of the fundamentals of grammar and composition. A few of the less difficult classics are read. This course is designed for those planning to pursue only one year of English as well as for those planning on a four-year study of the language.

English II.—More intensive practice in composition is given. Regular assignments for written work are planned and carefully appraised. Emphasis is also given to oral expression since language is chiefly spoken. The attempt is made to treat mannerisms and other problems of speech individually. The major portion of the reading of this year is in the field of English literature. This course serves as a terminal course for those taking only two years of English, and gives the necessary prerequisite work for those continuing in the study of English.

English III.—Continued attention is given to oral composition as well as written. American Literature comprises the greater part of the reading.

English IV.—The reading of this year gives emphasis to those literary productions most helpful from a social, literary and recreational point of view. The course is outlined to meet not only the requirements of the College Entrance Examination Board in English, but also to give practical skills in English expression and wholesome appreciations.

Mathematics

The purpose of the courses is two-fold: (1) to make the student acquainted with such mathematical facts and skills as are most likely to be useful in the study of other subjects, and (2) to give him a sufficient basis for advanced mathematical studies.

Algebra I.—The essential operations of algebra to quadratics are covered. The emphasis is on the fundamental principles.

Algebra II.—This course completes the elementary algebra requirements and is necessary for further study of mathematics. The student is prepared for the College Entrance Examination Board examinations in elementary algebra.

Plane Geometry—The five books of plane geometry are studied. Numerous original exercises are employed to stimulate the power to reason clearly and to derive logical proofs. Practical demonstrations are given, applying the useful formulas.

SOLID GEOMETRY—This course comprises the standard theorems in solid and spherical geometry. Stress is laid upon numerical exercises involving mensuration of solid figures. The work is designed primarily for those who are preparing for college, but offers practical training for those not going to college.

TRIGONOMETRY—Trigonometry is the basic study for the accurate measurement of heights and distances and forces; for the astronomical observation of longitude and latitude; and for higher mathematics generally. The content of this course meets the College Entrance Examination Board requirements and is also practical for those not going to college.

SOCIAL SCIENCES

AMERICAN HISTORY—A careful and comprehensive study is made of United States History, including not only the story of earlier times, but particularly an analysis of events from the Civil War up to and including our own time. Special reference is made to the constitutional, political, and economic development of the nation.

AMERICAN PROBLEMS—This course gives a major view of the larger social, political and economic problems that have arisen in typical American communities. Community, state and national activities will be studied in some detail.

ECONOMICS—The purpose of this course is two-fold: first, to lay a sound foundation of economic theories and terminology for those who are planning to continue their studies in college; second, to give the student an appreciation of the complexity of modern economic problems so that he can participate intelligently in their solution.

NATURAL SCIENCE

GENERAL SCIENCE—General Science aims to tell not only the story of man and his relation to his environment but also the laws and principles which control the world in which he lives. It aims further to increase the students' power to observe and think with scientific precision. The subject matter of the course is drawn from the field of hygiene, astronomy, biology, physiography, chemistry and physics. The demonstrations conducted by the instructor give the student an insight into laboratory methods and procedures. This subject presents much factual material of great cultural value, and imparts an invaluable scientific background.

PHYSICS—This course aims to teach the fundamental laws and principles of physics and to make the pupil aware of the part played by physics in his daily life and to stimulate individual thinking in regard to various physical phenomena. The laboratory work makes it possible for the student to test and apply principles learned in the classroom. This course, or its equivalent in other schools, is a prerequisite for Engineering Problems in the College.

VOCATIONAL SUBJECTS

MECHANICAL DRAWING I.—This course is of an elementary nature and is intended for the student who has had no experience in the use of drawing instruments. Instruction is given in the selection and use of instruments, lettering, geometrical constructions, revolved and auxiliary views, orthographic projection, intersections, fastenings, simple plates in machine details, and drafting room standards.